

Atty. Dkt. No. 200314226-1

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A fluid supply comprising:
a reservoir;

a fluid supply media within the reservoir and including a lamellae inhibiting agent, wherein the media is configured to receive a fluid having a surface tension and wherein the agent has a surface energy at least 5 dynes per centimeter less than the surface tension.
2. (Original) The supply of claim 1, wherein the media includes at least one length of at least one material.
3. (Original) The supply of claim 2, wherein the lamellae inhibiting agent is intermittently disposed along the at least one length at a plurality of spaced locations.
4. (Original) The supply of claim 2, wherein the at least one length is at least partially fluidphilic.
5. (Original) The supply of claim 2, wherein the at least one length has a stripe of the lamellae inhibiting agent.
6. (Original) The supply of claim 5, wherein the stripe substantially extends from a first end to a second end of the at least one length.
7. (Original) The supply of claim 5, wherein the stripe linearly extends along the at least one length.
8. (Original) The supply of claim 5, wherein the stripe nonlinearly extends along the at least one length.

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9. (Original) The supply of claim 8, wherein the stripe spirals about the at least one length.

10. (Currently Amended) The supply of claim 2, wherein each of the at least one length of the at least one material includes:

a hub; and

a plurality of lobes extending from the hub and terminating at ends, wherein the ends carry the lamellae inhibiting agent.

11. (Original) The supply of claim 10, wherein the hub and a majority of each lobe is fluidphilic.

12. (Currently Amended) The supply of claim 1, wherein the media mass includes a plurality of lengths.

13. (Currently Amended) The supply of claim 12, wherein a first portion of the lengths include the lamellae inhibiting agent and wherein a second portion of the lengths omit ~~an~~ the lamellae inhibiting agent.

14. (Original) The supply of claim 13, wherein the first portion of the lengths are coated with the lamellae inhibiting agent.

15. (Currently Amended) ~~A~~ The supply of claim 14, wherein the first portion of the lengths are completely coated with the lamellae inhibiting agent.

16. (Original) The supply of claim 1, wherein the lamellae inhibiting agent is a solid.

17. (Original) The supply of claim 1, wherein the lamellae inhibiting agent is selected from a group including:

fluidphobic silica, fluidphobic fat, fluidphobic wax and fluoropolymers.

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18. (Currently Amended) The supply of claim 1, where the media includes a fluidphilic material and wherein the lamellae inhibiting agent has a minimum quantity to limit lamellae formation on the material, ~~and~~ a maximum quantity that allows uptake of fluid by the fluidphilic material.

19. (Original) The supply of claim 1, wherein the media includes a plurality of pores and wherein the lamellae inhibiting agent is ~~exposed~~ along each pore.

20. (Original) The supply of claim 1, wherein the media includes at least one length having a mixture of fibers, wherein only a portion of the fibers carry the lamellae inhibiting agent.

21. (Canceled)

22. (Currently amended) The supply of claim ~~1~~ 24, wherein the surface energy is at least 10 dynes per centimeter less than the surface tension.

23. (Currently Amended) The supply of claim 1 including a the fluid within the reservoir and within the fluid supply media, ~~wherein the fluid has a surface tension and wherein the agent has a surface energy at least 5 dynes per centimeter less than the surface tension.~~

24. (Original) The supply of claim 23, wherein ~~the~~ surface energy is at least 10 dynes per centimeter less than the surface tension.

25. (Original) The supply of claim 23, wherein ~~the~~ fluid has a surface tension of between about 25 dynes per centimeter and 70 dynes per centimeter.

26. (Original) The supply of claim 23, wherein ~~the~~ fluid has a surface tension of no greater than 50 dynes per centimeter.

27. (Original) The supply of claim 23, wherein the agent has a surface energy of no greater than 30 dynes per centimeter.

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28. (Currently Amended) The supply of claim 1, wherein the media includes at least one length of material in wherein the at least one length of material has as a non-symmetrical cross-sectional shape.

29. (Currently Amended) The supply of claim 1, wherein the ~~fluid supply~~ media is configured to receive a fluid having a surface tension and wherein at least portions of the ~~fluid supply~~ media have exposed surfaces having a surface energy greater than the surface tension.

30. (Original) The supply of claim 29, wherein the agent has a surface energy less than the surface tension.

31. (Currently Amended) The supply of claim 1, wherein the agent comprises at least one length extending through the ~~fluid supply~~ media.

32. (Currently Amended) The supply of claim 1, wherein the media includes at least one length of material having a center and a plurality of extensions extending from the center and wherein the lamellae inhibiting agent is carried by tips of at least a portion of the plurality of extensions.

33. (Currently Amended) The supply of claim 32, wherein the ~~fluid supply~~ media and the at least one length occupy a volume of which at least 20 percent is provided by the at least length.

34. (Original) The supply of claim 1, wherein the reservoir is configured to be refilled with a fluid.

35. (Currently Amended) The supply of claim 1, wherein the ~~fluid supply~~ media includes at least one length of material having an axial center and an outer circumferential surface, wherein the lamellae inhibiting agent extends along the center and along a first portion of the outer circumferential surface and wherein a second portion of the outer circumferential surface includes a fluidphilic material.

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36. (Original) The supply of claim 1, wherein the media includes at least one length formed entirely of the lamellae inhibiting agent.

37. (Currently Amended) A fluid deposition system comprising:
a fluid-dispensing device configured to dispense fluid upon a medium;
and

a fluid supply including a reservoir having an interior in fluid communication with a fluid-dispensing device;

a fluid supply media within the reservoir and including a lamellae inhibiting agent prior to the media being in contact with the fluid.

38. (Original) The system of claim 37, wherein the media includes at least one length.

39. (Original) The system of claim 38, wherein the lamellae inhibiting agent is intermittently disposed along the at least one length at a plurality of spaced locations.

40. (Original) The system of claim 38, wherein the at least one length is fluidphilic.

41. (Original) The system of claim 38, wherein the at least one of length has a surface stripe of the lamellae inhibiting agent.

42. (Original) The system of claim 41, wherein the surface stripe substantially extends from a first end to a second end of the at least one each length.

43. (Original) The system of claim 38, wherein the at least one length includes:

a hub; and

a plurality of lobes extending from the hub and terminating at ends, wherein the ends carry the lamellae inhibiting agent.

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44. (Original) The system of claim 43, wherein the hub and a majority of each lobe is fluidphilic.

45. (Original) The system of claim 37, wherein the lamellae inhibiting agent is selected from a group including:

fluidphobic silica, fluidphobic fat, fluidphobic wax and fluoropolymers.

46. (Original) The system of claim 37, wherein the lamellae inhibiting agent is a solid.

47. (Original) The system of claim 37, wherein the lamellae inhibiting agent has a minimum quantity to limit lamellae formation on the media, and a maximum quantity that allows uptake of fluid by the media.

48. (Original) The system of claim 37, wherein the mass includes a plurality of pores and wherein the lamellae inhibiting agent is exposed along each pore.

49. (Original) The system of claim 37, wherein the fluid dispensing device includes a print head.

50. (Original) The system of claim 37 including a carriage configured to move the fluid-dispensing device across the medium.

51. (Original) The system of claim 37, wherein the media includes a plurality of lengths.

52. (Currently Amended) The system of claim 37, wherein a first portion of plurality of lengths includes the lamellae inhibiting agent and wherein a second portion of the plurality of lengths omit an the lamellae inhibiting agent.

53. (Original) The system of claim 52, wherein the first portion of the plurality of lengths are coated with the lamellae inhibiting agent.

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54. (Original) The system of claim 53, wherein the first portion of the plurality of lengths are completely coated with the lamellae inhibiting agent.

55. (Original) The system of claim 51, wherein at least one of the plurality of lengths is formed entirely from the lamellae inhibiting agent.

56. (Currently Amended) A media for use in a fluid supply, the media comprising:

a material having pores; and

a lamellae inhibiting agent retained relative to the material proximate to the pores prior to the media being in contact with a fluid to be supplied by the fluid supply.

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57. (Currently Amended) A fluid supply comprising:

a reservoir;

a material having pores within the reservoir; and

means coupled to the material for inhibiting formation of lamellae across the pores, the means being coupled to the media prior to the material contacting a fluid to be supplied by the fluid supply.

58. (Currently Amended) A method for supplying fluid comprising:

depositing fluid into a reservoir, the fluid having a surface tension;

wicking the fluid using fluidphilic material having pores through the reservoir to a discharge location; and

contacting the fluid along the pores with ~~an~~ a lamellae inhibiting agent having a surface energy at least 5 dynes per centimeter less than the surface tension to inhibit the formation of lamellae.

59. (New) The supply of claim 1, wherein the media includes ~~the~~ lamellae inhibiting agent prior to any contact with a fluid to be supplied by the fluid supply.